

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004144

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B32B27/10 B32B29/00 B32B23/08 B32B27/08 B65D81/00 C09D167/04 D21H19/28		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B32B B65D C09D D21H		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/05068 A (KARHUKETO HANNU ; KORPELA HEIKKI (FI); UPM KYMMENE CORP (FI)) 3 February 2000 (2000-02-03) page 2, line 46 - page 3, line 24; claim 1; figures	1-6
X	US 6 153 276 A (OYA SATOSHI ET AL) 28 November 2000 (2000-11-28) cited in the application	1-6
Y	column 2, line 38 - line 53; claims 1,11-13 column 8, line 10 - line 31	7-13
A	US 6 183 814 B1 (KOLSTAD JEFFREY J ET AL) 6 February 2001 (2001-02-06) cited in the application column 5, line 8 - line 33; claims 33-37,39	1-6
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "Z" document member of the same patent family		
Date of the actual completion of the international search 16 December 2004		Date of mailing of the international search report 22/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016		Authorized officer Kanetakis, I

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004144

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97/11845 A (CARGILL INC) 3 April 1997 (1997-04-03) page 11, line 6 - page 12, line 4; claims 20,22,23; figures 1,2; example 7; table 8 page 16, line 14 - line 29 page 20, line 24 - page 21, line 35 -----	1-6
Y	EP 0 179 641 A (MARS G B LTD) 30 April 1986 (1986-04-30) cited in the application page 5, line 3 - line 31; figures -----	7-13
A	EP 0 514 137 A (MITSUI TOATSU CHEMICALS) 19 November 1992 (1992-11-19) cited in the application claims -----	1,6

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004144

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0005068	A	03-02-2000	FI 981644 A EP 1115570 A1 WO 0005068 A1 JP 2002521276 T US 2001026874 A1	21-01-2000 18-07-2001 03-02-2000 16-07-2002 04-10-2001
US 6153276	A	28-11-2000	JP 10151715 A	09-06-1998
US 6183814	B1	06-02-2001	AU 733819 B2 AU 7586298 A BR 9809136 A CA 2291172 A1 EP 0981666 A1 JP 2002513449 T NO 995734 A NZ 501695 A WO 9853141 A1	24-05-2001 11-12-1998 04-12-2001 26-11-1998 01-03-2000 08-05-2002 24-01-2000 25-07-2003 26-11-1998
WO 9711845	A	03-04-1997	US 5849374 A US 5849401 A AU 704914 B2 AU 7381896 A CA 2230944 A1 EP 0883488 A1 NZ 320955 A WO 9711845 A1 US 6312823 B1	15-12-1998 15-12-1998 06-05-1999 17-04-1997 03-04-1997 16-12-1998 29-06-1999 03-04-1997 06-11-2001
EP 0179641	A	30-04-1986	AT 49178 T AU 587584 B2 AU 4895085 A BR 8505234 A CA 1232234 A1 DE 3575116 D1 DK 484485 A ,B, EP 0179641 A2 ES 296224 U FI 853943 A ,B, JP 2668355 B2 JP 61142156 A NO 854178 A ,B, US 4886674 A	15-01-1990 24-08-1989 01-05-1986 29-07-1986 02-02-1988 08-02-1990 24-04-1986 30-04-1986 16-12-1987 24-04-1986 27-10-1997 30-06-1986 24-04-1986 12-12-1989
EP 0514137	A	19-11-1992	JP 3071861 B2 JP 4336246 A JP 3071881 B2 JP 5038784 A CA 2068368 A1 DE 69224772 D1 DE 69224772 T2 EP 0514137 A2 US 5434004 A	31-07-2000 24-11-1992 31-07-2000 19-02-1993 14-11-1992 23-04-1998 10-09-1998 19-11-1992 18-07-1995